

AUTOYOKE QUICK SETUP INSTRUCTIONS

These instructions are intended to provide the information required to hang and cable the AutoYoke quickly. They are not intended to replace the AutoYoke Users Manual. Read the manual prior to operating the AutoYoke for complete operating instructions.

SECTION 1: SAFE OPERATION OF THE AUTOYOKE

- Follow all applicable safety procedures as recommended by the lighting fixture manufacturer.
- Always ground the power supply electrically.
- Do not operate the AutoYoke when the fixture and yoke are not properly balanced. *See Section 2*
- Only use accessories that are authorized by City Theatrical due to possible electrical incompatibility or out of balance hazard. *See Section 4.*
- Loose hardware on both the AutoYoke and the lighting fixture is hazardous and will result in a lack of repeatability and noise.
- Do not lift the AutoYoke by the lighting fixture, use the handles on the power supply or the hanging clamps.
- Follow all DMX protocol requirements when cabling the AutoYoke DMX chain.

SECTION 2: BALANCE AND ACCESSORIES

It is critical to the operation of the AutoYoke to balance the lighting fixture when using a Color Scroller or any other gel frame accessory. The lighting fixture will be in balance when it freely drifts to a horizontal position.

1. Place all accessories on the lighting fixture.
2. Place the Counterweight Halo on the Autoyoke Cradle 1/4x20x3/4" socket head screws. *See Figure 1.*
3. Add or remove counterweight wrings and secure in place with the 1/2x20x2" socket head screws.

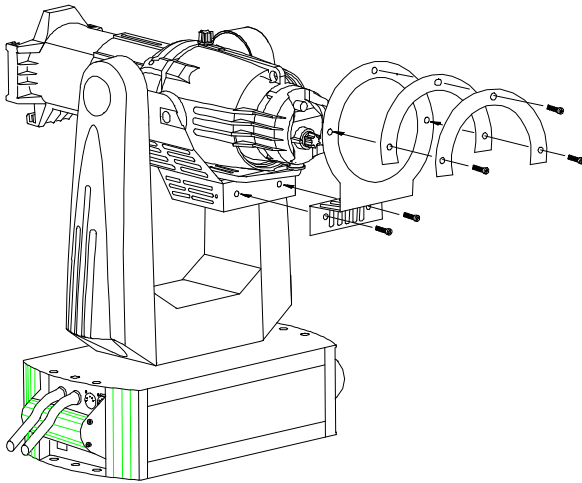


Figure 1. Adding Counterweights

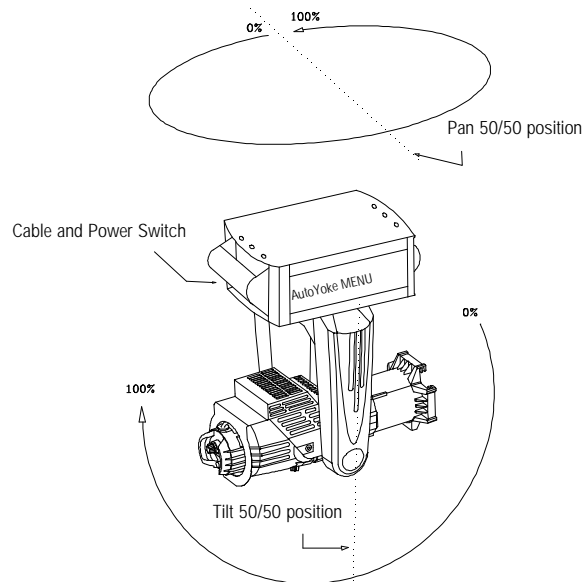


Figure 2. AutoYoke Orientation

SECTION 3: HANGING THE AUTOYOKE

It is important to consider the orientation of the power supply when hanging the AutoYoke so that the optimal range of travel is available. *See Figure 2.*

1. Attach hanging clamps to the center holes on the top of the power supply.
2. Hang AutoYoke's on minimum 2'3" centers.
3. Plug the cable with the Edison connector (AutoYoke power) to a non dim power supply. This supply must either be a dimmer configured for a switching power supply or it must not be provided by a dimmer.
4. Plug the cable with the stage connector (Fixture lamp power) to a dimmer.
5. Plug a 5 pin DMX cable to the AutoYoke Power Supply. *Terminate the last AutoYoke in the DMX chain*
6. Plug Autolris cable to 7 pin XLR connector on Cradle
7. Plug the Color Scroller cable to 4 pin XLR connector on Cradle. *See Section 4 for important Color scroller information PRIOR TO TURNING ON THE POWER TO THE AUTOYOKE.*

SECTION 4: USING A COLOR SCROLLER

THE AUTOYOKE SUPPORTS THE WYBRON FORERUNNER, WYBRON CXI , WYBRON COLORAM(See cable note below), RAINBOW PRO SERIES, AND CHROMA Q BROADWAY COLOR SCROLLERS. THE AUTOYOKE SUPPLIES POWER TO THE SCROLLER; OTHER MANUFACTURER'S SCROLLERS ARE NOT ELECTRICALLY COMPATIBLE. ATTEMPTING TO USE A SCROLLER OTHER THAN THOSE LISTED ABOVE WILL DAMAGE THE AUTOYOKE POWER SUPPLY AND THE SCROLLER.

CABLE NOTE: When using a Wybron CXI or a Coloram, the scroller cable must be wired in the following way:

Male pin 1 to Female pin 4
 Male pin 2 to Female pin 2
 Male pin 3 to Female pin 3
 Male pin 4 to Female pin 1

City Theatrical does not recommend using a cable that is longer than 15". Using a scroller cable that is longer than 15" runs the significant risk of interfering with the AutoYoke's range of motion.

SECTION 5: SETTING THE DMX ADDRESS

The AutoYoke requires 7 channels (16-bit) or 5 channels (8-bit) to operate. The scroller requires an address other than those addresses occupied by the AutoYoke. *See AutoYoke User Manual Section 4-2 for Color Scroller addressing.*

DMX CHANNEL ASSIGNMENTS

16-bit

- 1 - Pan Course
- 2 - Pan Fine
- 3 - Tilt Course
- 4 - Tilt Fine
- 5 - Iris (occupied if not used)
- 6 - Focus (occupied if not used)
- 7 - Control Channel

****Address scroller independently**

8-bit

- 1 - Pan
- 2 - Tilt
- 3 - Iris (occupied if not used)
- 4 - Focus (occupied if not used)
- 5 - Control Channel

****Address scroller independently**

1. Turn on the AutoYoke.
2. Press the MENU button on the front panel of the AutoYoke Power Supply.
3. Select DMX Address ▲▼
4. Press enter to record Address.